
Editorial Board

Regina Almeida

Department of Computational Mechanics
National Laboratory for Scientific Computing, LNCC/MCT
Av. Getulio Vargas, 333 Quitandinha
Petropolis, Rio de Janeiro
25651-075, Brazil
rcca@lncc.br
www.lncc.br/~rcca
• *Stabilized and multiscale finite element methods*
• *Computational fluid dynamics*
• *Adaptive methods*
• *Stochastic finite elements*

Marek Behr

Center for Computational Engineering Science (CCES)
RWTH Aachen University
52056 Aachen, Germany
behr@cats.rwth-aachen.de
http://www.cats.rwth-aachen.de
• *Computational fluid dynamics*
• *Finite element methods*
• *Viscoelastic flows*
• *Free-surface flows*
• *Shape optimization*
• *Physiological model development*
• *Aeroelasticity*
• *Parallel computing*

Daniele Boffi

Dipartimento di Matematica
“F. Casorati”
Università di Pavia
via Ferrata 1, Italy
daniele.boffi@unipv.it

Patrick Ciarlet

Laboratoire POEMS
ENSTA, 32 boulevard Victor
75739 PARIS Cedex 15, France
patrick.ciarlet@ensta-paristech.fr
http://www.ensta-paristech.fr/~ciarlet/eng_index.html
• *Modeling in electromagnetism*
• *Analysis of PDEs*
• *Nonsmooth solutions of PDEs*
• *Discretization and numerical analysis of PDEs*
• *High performance computing*

Monique Dauge

IRMAR, Université de Rennes 1
Campus de Beaulieu

35042 Rennes Cedex, France
monique.dauge@univ-rennes1.fr
http://perso.univ-rennes1.fr/monique.dauge/
• *Singularities of elliptic boundary value problems*
• *Singular perturbations*
• *Spectral analysis*
• *Maxwell equations*
• *Finite element computations*

Stefan Diebels

Saarland University
Chair of Applied Mechanics
Campus A4.2, D-66123
Saarbruecken, Germany
s.diebels@mx.uni-saarland.de
http://www.uni-saarland.de/lehrstuhl/diebels.html
• *Continuum mechanical modeling*
• *Experimental mechanics/material's characterization*
• *multiphase continuum mechanics/theory of porous media*
• *Extended continua (Cosserat/micromorphic continua)*
• *Numerical treatment of multifield problems*

Alexander Düster

Numerische Strukturanalyse mit Anwendungen in der Schiffstechnik (M-10)
Technische Universität
Hamburg-Harburg
Schwarzenbergstraße 95c
21073 Hamburg, Germany
alexander.duester@tu-harburg.de

Martin J. Gander

University of Geneva
Section of Mathematics
2-4 Rue du Lievre, CP 64
1211 Geneve 4, Switzerland
martin.gander@unige.ch
http://www.unige.ch/~gander/
• *Domain decomposition*
• *Preconditioning*
• *Iterative methods*
• *Parallel computing*

Jay Gopalakrishnan

PO Box 751
Portland State University
Portland OR 97207-0751
ggay@pdx.edu

Jean-Luc Guermond

Department of Mathematics
Texas A&M University
3368 TAMU, College Station
TX 77843-3368, USA
guermond@math.tamu.edu
http://www.math.tamu.edu/~guermond/
• *Numerical analysis*
• *FE methods*
• *Discontinuous Galerkin FE methods*
• *Fluid flows*
• *3D Navier–Stokes equations*
• *3D Turbulence*
• *Magneto-hydrodynamics*
• *Maxwell equations*
• *Nonlinear conservation equations*
• *HJ equations*
• *Entropy viscosity*
• *Radiative transport equation*
• *Boltzmann equation*

Norbert Heuer

Pontificia Universidad Catolica de Chile
Facultad de Matematicas
Avenida Vicuna Mackenna 4860
Santiago, Chile
nheuer@mat.puc.cl
http://www.mat.puc.cl/~nheuer
• *Numerical analysis including: FEM, BEM, coupling*
• *Domain decomposition, Schwarz methods*
• *Preconditioners, p-, hp-versions approximation of singularities*
• *Fractional order Sobolev spaces*

Jun Hu

School of Mathematical Sciences
Peking University
Beijing 100871, China
hujun@math.pku.edu.cn
http://www.math.pku.edu.cn:8000/people/view.php?uid=huj
• *Nonconforming finite element methods*
• *Adaptive finite element methods*
• *Reissner–Mindlin plate problems*
• *Eigenvalue problems*
• *Variational inequalities*

Mieczyslaw Kuczma

Dept. of Civil & Environmental Engineering

Editorial Board — *continued*

University of Zielona Gora
ul. Licealna 9, 65-417
Zielona Gora, Poland

m.kuczma@ib.uz.zgora.pl

<http://www.uz.zgora.pl/~mkuczma/>

- *Mechanics of solids and structures*
- *Smart materials and structures*
- *Variational inequalities*
- *Complementarity problems*
- *Finite elements*

Jichun Li

Dept. of Mathematical Sciences
University of Nevada Las Vegas
Las Vegas, NV 89154-4020, USA
jichun@unlv.nevada.edu

<http://faculty.unlv.edu/jichun/>
[faculty.unlv.edu]

- *Numerical analysis*
- *Computational electromagnetics*
- *Finite element method*
- *Superconvergence*
- *Singular perturbation problems*
- *Radial basis functions*

Jens Markus Melenk

Institute for Analysis and
Scientific Computing
Vienna University of Technology
Wiedner Hauptstr. 8-10
A-1040 Vienna, Austria
melenk@tuwien.ac.at

<http://www.math.tuwien.ac.at/~melenk>

- *FEM*
- *Hp-FEM and spectral methods*
- *Meshless methods*
- *BEM*
- *Adaptivity*
- *Numerical methods for singular perturbations*
- *Helmholtz equation*
- *Scattering problems*
- *Approximation theory*

Nilima Nigam

Department of Mathematics
Simon Fraser University
8888 University Drive, Burnaby
BC, V5A 1S6, Canada
nigam@math.sfu.ca

<http://www.math.sfu.ca/~nigam>
• *Numerical analysis*
• *Computational acoustics and electromagnetics*

- *Mathematical modeling in the physical and biological sciences*

Abani K. Patra

Dept. Mechanical and
Aerospace Engineering
SUNY at Buffalo, Buffalo,
NY 14260, USA
abani@buffalo.edu
www.mae.buffalo.edu/~abani

- *Adaptive meshing*
- *Parallel computing*
- *Uncertainty quantification*
- *Linear system solvers*
- *Domain decomposition theory*
- *Geophysical modeling*
- *Scientific software*

Serge Prudhomme

Institute for Computational
Engineering and Sciences
The University of Texas at Austin
1 University Station C0200
Austin, TX 78712, USA
serge@ices.utexas.edu

<http://www.ices.utexas.edu/~serge>

- *Finite elements*
- *A posteriori error estimation*
- *Adaptive methods*
- *Model adaptivity*
- *Verification and Validation*
- *Inverse problems*
- *Uncertainty quantification*

Waldemar Rachowicz

Institute of Computer Science
Cracow University of Technology
ul. Warszawska 24
31-155 Krakow, Poland
wrachowicz@pk.edu.pl

Joachim Schoeberl

Institute of Analysis and
Scientific Computing
Vienna University of Technology
Wiedner Hauptstrasse 8
1040 Vienna, Austria
joachim.schoeberl@tuwien.ac.at
www.asc.tuwien.ac.at/~schoeberl

- *High order finite elements*
- *Mixed finite elements*
- *Preconditioning*
- *Maxwell equations*

Raul Tempone

Division of Mathematics &

Computational Sciences
& Engineering (MCSE)
Building #1 (UN 1550)
Office No 4109, Level 4
4700 King Abdullah University of
Science and Technology
Thuwal 23955-6900
Kingdom of Saudi Arabia
raul.tempone@kaust.edu.sa
<http://www.kaust.edu.sa>
[www.kaust.edu.sa]

Tim Warburton

Rice University
6100 Main Street MS-134
Houston, TX 77005, USA
Timothy.C.Warburton@rice.edu
<http://www.caam.rice.edu/~timwar>

- *Discontinuous Galerkin methods: time-domain computational electromagnetics and acoustics*
- *Artificial viscosity schemes*
- *Shallow water equations*
- *Local time stepping methods*
- *Convergent adaptive schemes for elliptic problems*
- *Adaptive hybridized DG methods*
- *Preconditioning, Newton–Krylov solvers*
- *Artificial boundary conditions for hyperbolic PDEs*
- *GPU/many-core computing*

Zohar Yosibash

Dept. of Mechanical Engineering
Ben-Gurion University of the Negev,
Beer-Sheva 84105, Israel
zohary@bgu.ac.il
www.bgu.ac.il/~zohary

- *Computational biomechanics*
- *High-order FEMs*
- *Singularities in elliptic PDEs*
- *Numerical analysis of nonlinear elliptic PDEs*
- *Fracture mechanics*

Tarek I. Zohdi

6117 Etcheverry Hall
University of California
Berkeley, CA 94720-1740, USA
zohdi@me.berkeley.edu
<http://www.me.berkeley.edu/faculty/zohdi/>
• *Material modeling*
• *Particulate flow*
• *Electromagnetics and homogenization*